

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 11513
Application ID: 09681720
Title of Invention: Differential Dense Wavelength Division Multiplexing (DDWDM) in Optical Systems
First Named Inventor: Mohsen Sarraf
Domestic/Foreign Application: Domestic Application
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Deposit Account Number: 122325
Deposit Account Name: Joseph J. Opalach

TRANSMITTAL FORM

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05/25/01



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: Sarraf 26

Differential Dense Wavelength Division Multiplexing (DDWDM) in Optical Systems

First Named Inventor: Mr. Mohsen Sarraf

SUBMITTED BY

Name: Mr. Joseph J Opalach Esq.
Registration Number: 36229
Electronic Signature
Mark: /jjopalach Date Signed: 20010525

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

specification	sarraf26.xml
declaration	Sarraf 26 dec pg 1.tif
declaration	Sarraf 26 dec pg 2.tif
bibd-transmittal	Sarraf 26apds.xml

fee-transmittal
patent-assignment

Sarraf 26fee.xml
Sarraf 26asgn.xml

Attached Image File(s):

Sarraf 26 dec pg 1.tif
Sarraf 26 dec pg 2.tif

2025 RELEASE UNDER E.O. 14176

Comments:

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M. Sarraf

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am an original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Differential Dense Wavelength Division Multiplexing (DDWDM) In Optical Systems** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

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Inventor's signature  Date 5/9/01

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FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 830

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Joseph J. Opalach

Electronic Signature Mark: /jjopalach

Date Signed: 20010525

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 14	103	\$ 18	0	\$ 0
Independent Claims: 4	102	\$ 80	1	\$ 80

Subtotal For Extra Claims Fees: \$ 80

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40